

ER-2 - AFRC #809 08/07/19

Aircraft: [ER-2 - AFRC #809](#) ([See full schedule](#))

Flight Number: 19-9011

Payload Configuration: AirMSPI-1, AVIRIS-CL, CPL, eMAS, GCAS, NAST-I, S-HIS

Nav Data Collected: Yes

Total Flight Time: 7.1 hours

Submitted by: Brian Hobbs on 08/07/19

Flight Segments:

From:	PMD	To:	PMD
Date:	08/07/19		
Flight Time:	7.1 hours		
Log Number:	192004	PI:	Barry Lefer
Funding Source:	Barry Lefer - NASA - SMD - ESD Tropospheric Composition Program		
Purpose of Flight:	Science		
Miles Flown:	2480 miles		
Comments:	Takeoff time was 0905L and landed at 1611L. Conduct an overpass of the Pendleton fire in route to Williams Flats fire in Washington. Performed five passes over the Williams Flats fire. It was 100% clear over the Pendleton fire and negligible clouds over Williams Flats. The Williams Flats fire had large plume and air was smooth all day. Greg Nelson was the pilot.		

Flight Hour Summary:

	192004
Flight Hours Approved in SOFRS	70
Total Used	63.3
Total Remaining	6.7

192004 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
08/01/19	19-9008	Check	1.7	1.7	68.3	646
08/02/19	19-9009	Science	4.3	6	64	1634
08/06/19	19-9010	Science	7.7	13.7	56.3	2012
08/07/19	19-9011	Science	7.1	20.8	49.2	2480
08/08/19	19-9012	Science	7.9	28.7	41.3	3015
08/12/19	19-9013	Science	2	30.7	39.3	760
08/13/19	19-9014	Science	3.2	33.9	36.1	1094
08/15/19	19-9015	Science	7	40.9	29.1	2013
08/16/19 - 08/17/19	19-9016	Science	6.8	47.7	22.3	2584
08/19/19	19-9017	Science	3.2	50.9	19.1	1216
08/20/19	19-9018	Science	5.7	56.6	13.4	961
08/21/19	19-9019	Science	6.7	63.3	6.7	1562

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

NASA Official: Bruce A. Tagg

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